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June 2, 1977

Mr. S. J. Zimmer
Power Transmission and Distribution Sales
General Electric Company
112 Andover Park East
P.O. Box 88850
Seattle, Washington 98188

Dear Mr. Zimmer:

Thank you for sending our office information regarding the environmental effects of your non-PCB Dielectric, Dielektrol II. In analyzing the information, we are primarily concerned with examining three parameters: toxicity, bioaccumulation, and biodegradability. To complete our analysis, the following additional information is necessary:

- 1) Noted in your literature were tests to determine the effects of Dielektrol II on birds, however, none of the data or the methods were given. Could you please supply us with this information?
- 2) Were any life cycle chronic feeding studies performed on any animals (fish, birds, rats)? If so, would you furnish us with the results (specific data and methods)?
- 3) What were the results of the Ames test for mutagenicity (specific data)?
- 4) What is the fat solubility of the fluid?
- 5) Your literature states, "Preliminary bioaccumulation test results suggest that accumulation of Dielektrol II fluid in tissues of fish tested is so low as to be insignificant." Could you furnish our office with these results and any other bioaccumulation tests that have been performed?

The above-requested data is very important for a complete analysis. Thank you for supplying this and any other information which will aid in our analysis of the environmental effects of Dielektrol II.

Sincerely,

PETE HENAULT, Manager
Office of Environmental Affairs

MO:ea

cc: Henault
Sheehan
O'Neill
File

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